

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/004781

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L1/30 A61K31/122 A61K31/205

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/40086 A (THE RILEY FLETCHER FOUNDATION; FLETCHER, JANE, CLARISSA; RILEY, MICHAEL) 17 September 1998 (1998-09-17) page 82; claims 1,2,8,9 -----	1-9, 13-23, 27-30
X	DATABASE WPI Section Ch, Week 198216 Derwent Publications Ltd., London, GB; Class A96, AN 1982-31657E XP002313489 -& JP 57 042616 A (FREUND SANGYO KK) 10 March 1982 (1982-03-10)	1-9, 13-23, 31-33
Y	abstract ----- -/-	10-12, 24-26, 31-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

22 April 2005

Date of mailing of the international search report

03/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Smeets, D

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/004781

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/147927 A1 (NAZZAL SAMI ET AL) 7 August 2003 (2003-08-07)	1-9, 13-23, 31-33
Y	claims	10-12, 24-26, 31-33
X	WO 02/09685 A (ELSTNER ERICH ; STEIGERWALD ARZNEIMITTELWERK (DE)) 7 February 2002 (2002-02-07)	1-9, 13-23, 27-30
Y	page 8, line 10 - line 35; claims 1,3,4,6,8-10	10-12, 24-26, 31-33
Y	US 4 599 232 A (BERTELLI ET AL) 8 July 1986 (1986-07-08) cited in the application column 1, line 24 - column 2, line 32 column 3, line 10 - line 12 claims 1-4	10-12, 24-26, 31-33

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/004781

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9840086	A	17-09-1998	AU 6408298 A EP 0973529 A2 WO 9840086 A2 JP 2001514650 T US 6280751 B1	29-09-1998 26-01-2000 17-09-1998 11-09-2001 28-08-2001
JP 57042616	A	10-03-1982	NONE	
US 2003147927	A1	07-08-2003	WO 03041632 A2	22-05-2003
WO 0209685	A	07-02-2002	DE 10038640 A1 AU 6732401 A BR 0112663 A CA 2411907 A1 CN 1444475 A CZ 20030194 A3 WO 0209685 A1 DE 10192998 D2 EE 200300044 A EP 1305013 A1 JP 2004513077 T MX PA03000718 A NO 20030412 A SK 872003 A3 US 2004047922 A1 ZA 200210123 A	14-02-2002 13-02-2002 24-06-2003 05-12-2002 24-09-2003 14-05-2003 07-02-2002 16-01-2003 15-10-2004 02-05-2003 30-04-2004 04-06-2003 11-02-2003 03-06-2003 11-03-2004 27-05-2003
US 4599232	A	08-07-1986	CH 655005 A5 BE 898918 A2 DE 3405581 A1 DK 72284 A ,B, FR 2543827 A1 GB 2137088 A ,B IT 1170235 B JP 1581515 C JP 2007572 B JP 59186914 A NL 8400488 A ,B, SE 457143 B SE 8400851 A	27-03-1986 16-08-1984 18-10-1984 17-08-1984 12-10-1984 03-10-1984 03-06-1987 11-10-1990 19-02-1990 23-10-1984 17-09-1984 05-12-1988 17-08-1984